

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re REISSUE Patent Application of	)	
	:	
Michael TZANNES et al.	)	Group Art Unit: 2631 (expected)
	:	
Patent No. 6,252,909	)	Examiner: Khai TRAN (expected)
	:	
Issued: June 26, 2001	)	
	:	
For: MULTI-CARRIER TRANSMISSION	)	
SYSTEM UTILIZING CHANNELS	:	
OF DIFFERENT BANDWIDTH	)	

**Statement Under 37 C.F.R. § 1.173(c)**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. § 1.173(c), the following statement is provided as to the status of all patent claims and all added claims, with an explanation as to the support in the disclosure for the concurrently made changes to the claims.

All of the patent claims are maintained and new claims 5-87 have been added. Applicants would like to point out that the above-identified patent incorporated by reference Patent No. 5,408,580 on column 4, line 23 and column 4, line 67. By virtue of the Preliminary Amendment attached hereto, Applicants have physically incorporated the subject matter of the '580 Patent into the subject application. However, for clarity, and the Examiner's convenience, the following discussion will point to support in the specification with reference to the subject patent and/or with reference to the '580 Patent (hereinafter "'580'") and the 6,252,909 patent (hereinafter "'909'").

For claims 5-25, directed toward a tree structured filter array, support can at least be found in Fig. 2 and the accompanying description in '909, Figs. 2, 3, 5(b) and 6, and the accompanying description in '580 including col. 4, lines 16-35, the Summary of the Invention, col. 8, lines 12-34 and col. 12, lines 37-43.

For claims 26-43, directed toward a tree structured synthesis filter array, support can at least be found in Fig. 3 and the accompanying description in '909, Figs. 7-12, and the

accompanying description in '580 including the Summary of the Invention, and column 12, line 44 - col. 14, line 12.

For claims 44-46, directed toward a signal processing system, support can at least be found in Fig. 2 and the accompanying description in '909, Figs. 2, 3, 5(b) and 6, and the accompanying description in '580 including col. 4, lines 16-35, lines 41-47, the Summary of the Invention, col. 8, lines 12-34 and col. 12, lines 37-43.

For claims 47-48, directed toward a signal processing system, support can at least be found in Fig. 3 and the accompanying description in '909, Figs. 7-12, and the accompanying description in '580 including the Summary of the Invention, col. 4 line 67 - col. 5 line 42, and column 12, line 44 - col. 14, line 12.

For claims 49-50, directed toward a content distribution system, support can at least be found in the above-identified passages for the main features and additionally in col. 3, lines 43-47 in '580.

For claims 51-56, directed toward an audio signal processing method, support can at least be found in Fig. 2 and the accompanying description in '909, Figs. 2, 3, 5(b) and 6, and the accompanying description in '580 including col. 4, lines 16-35, the Summary of the Invention, col. 8, lines 12-34 and col. 12, lines 37-43, and further, for claims 52, 54 and 56, col. 12, lines 37-43.

For claims 57-60, directed toward an audio signal processing method, support can at least be found in Fig. 3 and the accompanying description in '909, Figs. 7-12, and the accompanying description in '580 including the Summary of the Invention, and column 12, line 44 - col. 14, line 12.

For claims 61-63, directed toward an audio compression method, support can at least be found in Figs. 2-6 and the accompanying description in '580.

For claims 64-65, directed toward an audio decompression method, support can at least be found in Figs. 7-12 and the accompanying description of '580.

For claims 66-69, support can at least be found in the above locations as well as col. 3, lines 31-35, col. 14, lines 13-18 and col. 16, line 66 - col. 17, line 5 in '580.

For claims 70-78, support can at least be found in the above locations as well as col. 3, lines 31-35, col. 14, lines 13-18 and col. 16, line 66 - col. 17, line 5 in '580.

For claim 79, directed toward an audio signal processing protocol, support can at least be found in Fig. 2 and the accompanying description in '909, Figs. 2, 3, 5(b) and 6, and the accompanying description in '580 including col. 4, lines 16-35, lines 41-47, the Summary of the Invention, col. 8, lines 12-34 and col. 12, lines 37-43.

For claim 80, directed toward an audio compression protocol, support can at least be found in Fig. 2 and the accompanying description in '909, Figs. 2, 3, 5(b) and 6, and the accompanying description in '580 including col. 4, lines 16-35, lines 41-47, the Summary of the Invention, col. 8, lines 12-34 and col. 12, lines 37-43.

For claim 81, directed toward a signal decompression protocol, support can at least be found in Fig. 3 and the accompanying description in '909, Figs. 7-12, and the accompanying description in '580 including the Summary of the Invention, and column 12, line 44 - col. 14, line 12.

For claim 82, directed toward a protocol for processing compressed audio, support can at least be found in Fig. 3 and the accompanying description in '909, Figs. 7-12, and the accompanying description in '580 including the Summary of the Invention, and column 12, line 44 - col. 14, line 12 and col. 16, line 30 - col. 17, line 64.

For claim 83, directed toward a compressed audio file, support can at least be found on col. 1, lines 10-34 in '580, Fig. 2 and the accompanying description in '909, Figs. 2, 3, 5(b) and 6, and the accompanying description in '580 including col. 4, lines 16-35, lines 41-47, the Summary of the Invention, col. 8, lines 12-34 and col. 12, lines 37-43.

For claim 84, directed toward a data structure, support can at least be found on col. 1, lines 10-34, col. 3, lines 36-47 and col. 10 lines 42-45 in '580, Fig. 2 and the accompanying description in '909, Figs. 2, 3, 5(b) and 6, and the accompanying description in '580 including col. 4, lines 16-35, lines 41-47, the Summary of the Invention, col. 8, lines 12-34 and col. 12, lines 37-43.

For claim 85, directed toward an audio signal processing system, support can at least be found in Fig. 3 and the accompanying description in '909, Figs. 7-12, and the accompanying description in '580 including the Summary of the Invention, col. 4 line 67 - col. 5 line 42, and column 12, line 44 - col. 14, line 12.

For claim 86, directed toward an audio compression system, support can at least be found in Fig. 2 and the accompanying description in '909, Figs. 2, 3, 5(b) and 6, and the accompanying description in '580 including col. 4, lines 16-35, the Summary of the Invention, col. 8, lines 12-34 and col. 12, lines 37-43, and further, for claims 52, 54 and 56, col. 12, lines 37-43.

For claim 87, directed toward an audio decompression system, support can at least be found in Fig. 3 and the accompanying description in '909, Figs. 7-12, and the accompanying description in '580 including the Summary of the Invention, col. 4 line 67 - col. 5 line 42, and column 12, line 44 - col. 14, line 12.

Should the Examiner need any further information, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

Respectfully submitted,

By: \_\_\_\_\_

Jason H. Vick

Registration No. 45,285

NIXON PEABODY LLP  
8180 Greensboro Drive, Suite 800  
McLean, Virginia 22102  
Telephone: (703) 770-9300